Figure 1

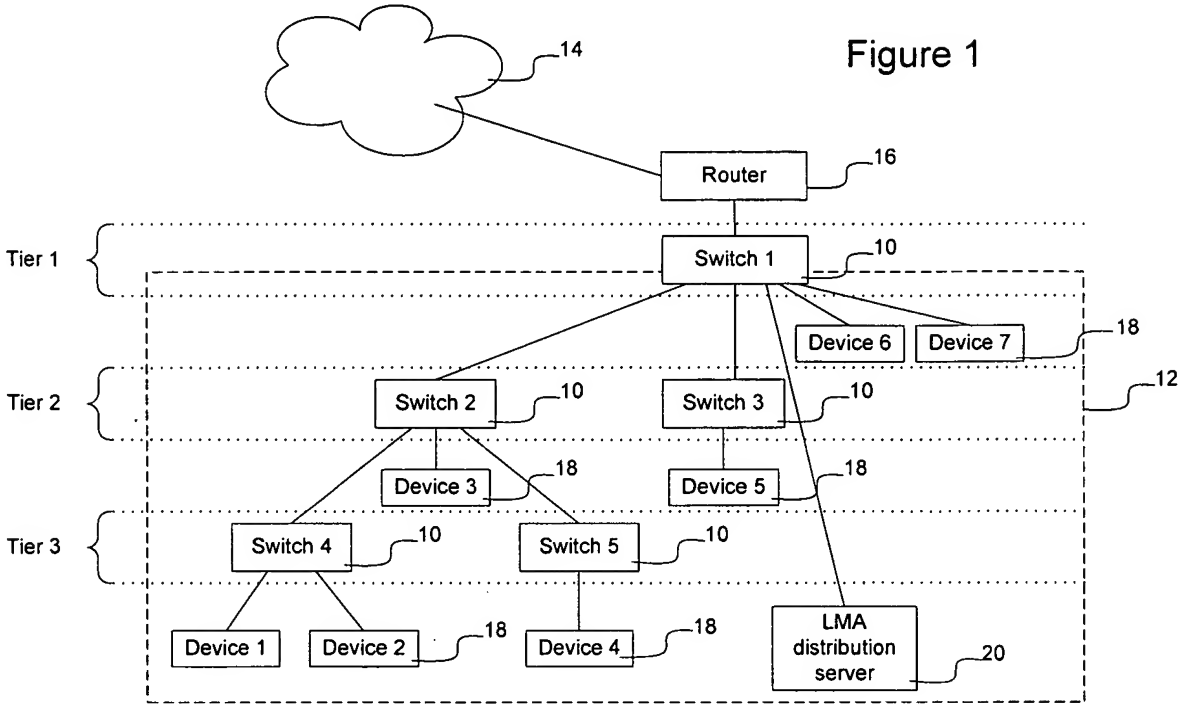

Figure 2

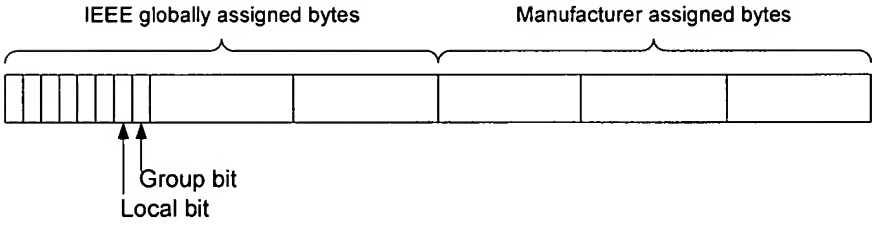

Figure 3

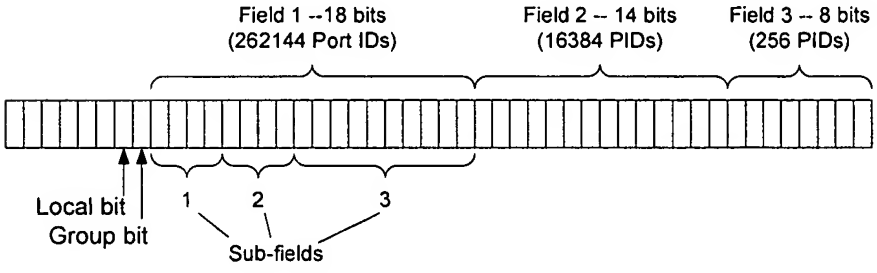

Figure 4

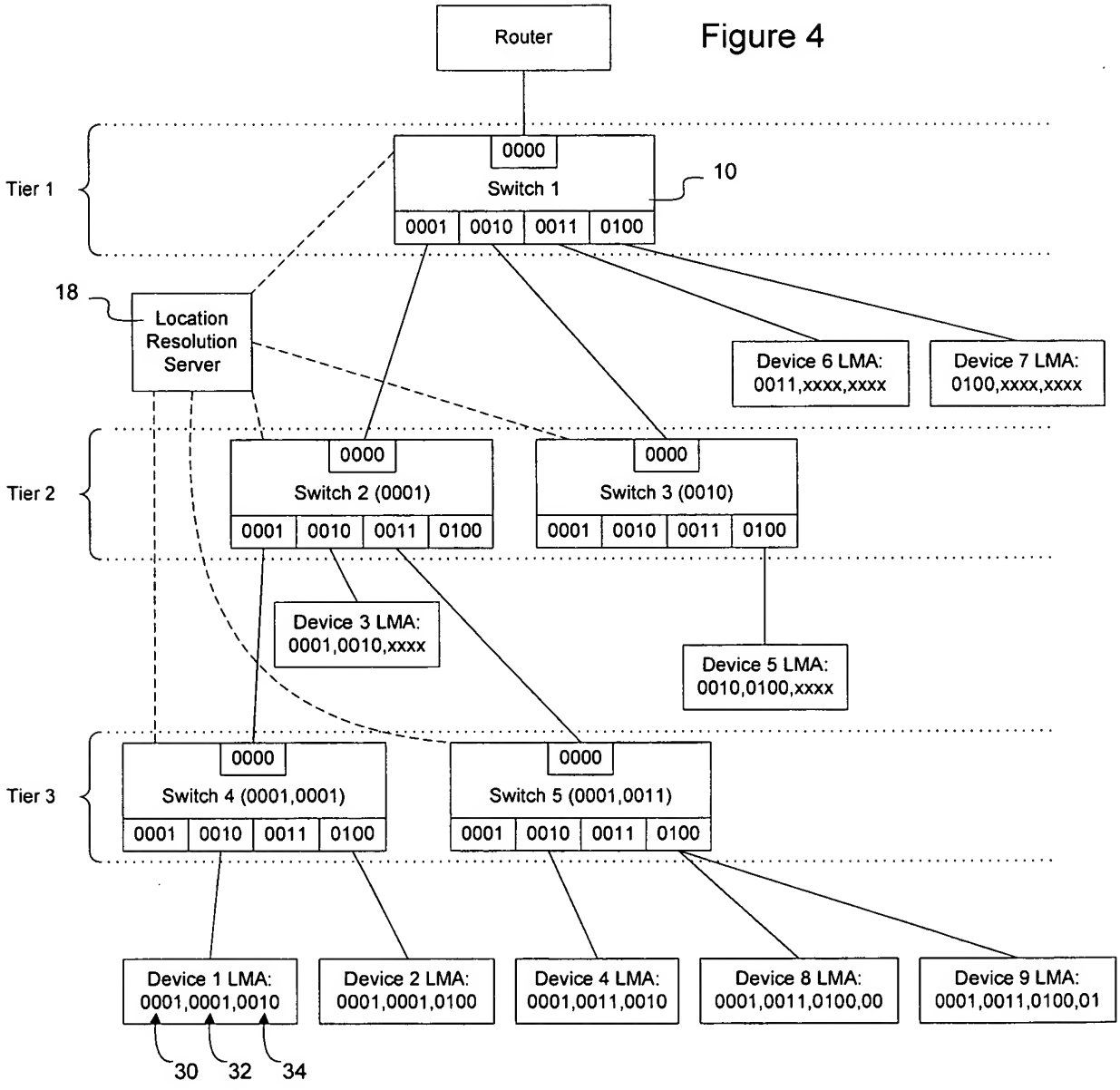
Router
Tier 1
0000
Switch 1
0001 0010 0011 0100
10
18
Location Resolution Server
Device 6 LMA: 0011,xxxx,xxxx
Device 7 LMA: 0100,xxxx,xxxx
Tier 2
0000
Switch 2 (0001)
0001 0010 0011 0100
0000
Switch 3 (0010)
0001 0010 0011 0100
Device 3 LMA: 0001,0010,xxxx
Device 5 LMA: 0010,0100,xxxx
Tier 3
0000
Switch 4 (0001,0001)
0001 0010 0011 0100
0000
Switch 5 (0001,0011)
0001 0010 0011 0100
Device 1 LMA: 0001,0001,0010
Device 2 LMA: 0001,0001,0100
Device 4 LMA: 0001,0011,0010
Device 8 LMA: 0001,0011,0100,00
Device 9 LMA: 0001,0011,0100,01
30
32
34

Figure 5

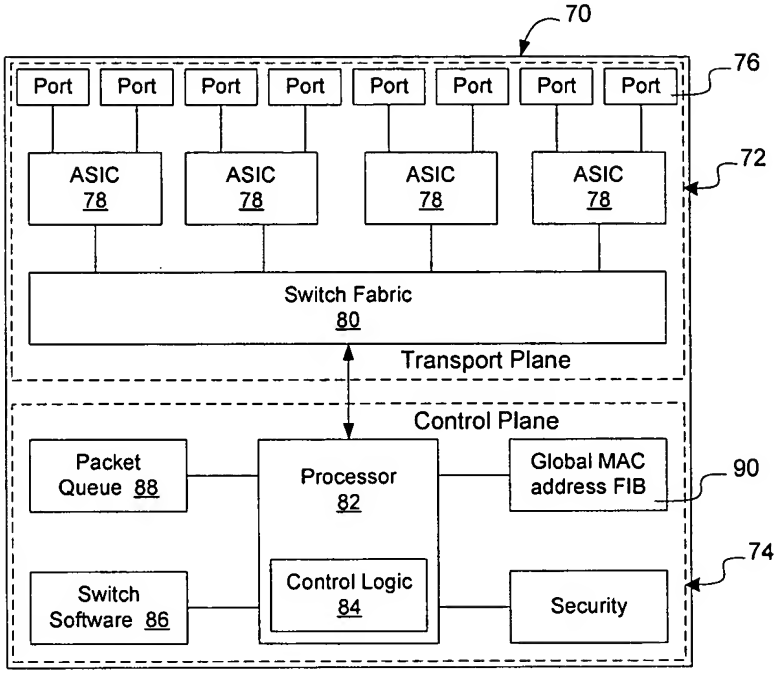
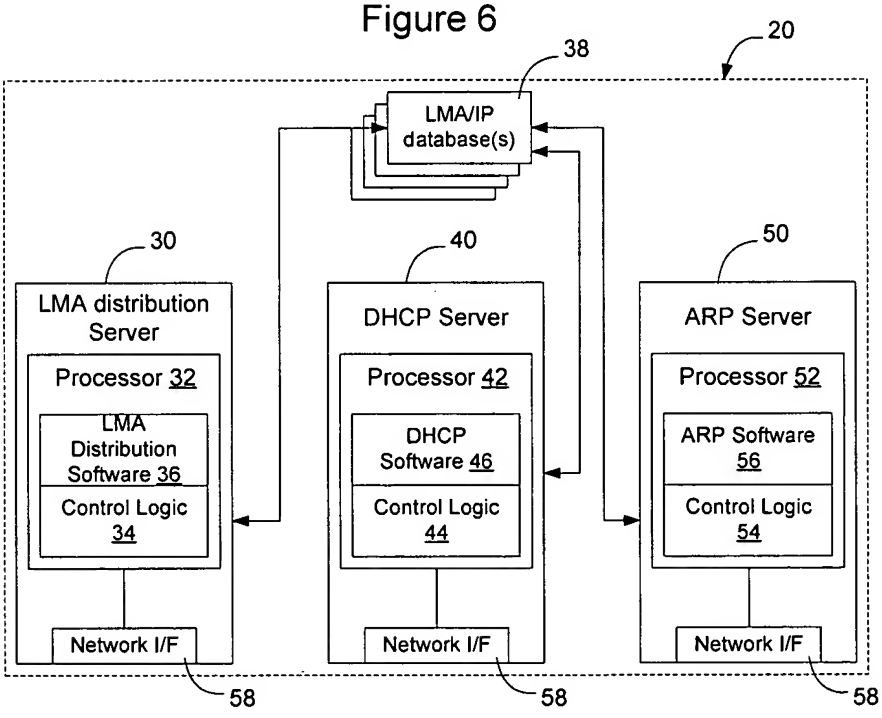
Figure 6